

## WHAT IS CLAIMED IS:

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1. A method comprising:
  - obtaining a first set of information representing an artifact to a first degree of quality,
  - obtaining a second set of information representing the artifact to a second degree of quality different from the first degree of quality;
  - determining which of the first set of information and the second set of information represents the artifact to a higher degree of quality and which represents the artifact to a lesser degree of quality; and
  - altering the set of information representing the artifact to a lesser degree of quality, based on the set of information representing the artifact to a higher degree of quality.
2. The method as in Claim 1, wherein altering includes performing a Fourier transform analysis on the first set of information and the second set of information.
3. The method as in Claim 2, wherein altering further includes using a phase of the set of information representing the artifact to a higher degree of quality to adjust a phase of the set of information representing the artifact to lesser degree of quality.
4. The method as in Claim 2, wherein altering further includes using a magnitude of the set of information representing the artifact to a higher degree of quality to adjust a magnitude of the set of information representing the artifact to lesser degree of quality.

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- 1 5. The method as in Claim 1, wherein the first set of information and the  
2 second set of information are digital representations of analog  
3 images.
- 1 6. The method as in Claim 1, wherein the first set of information and the  
2 second set of information are obtained using a scanner.
- 1 7. The method as in Claim 1, wherein the first set of information and the  
2 second set of information are obtained using a digital camera.
- 1 8. The method as in Claim 1, wherein the first set of information and the  
2 second set of information are obtained using a digital film  
3 development system.

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9. A digital film development system comprising:  
a film processing system, said film processing system including an  
image capturing station capable of obtaining sets of data  
representing an image formed in film ; and  
a data processing system, said data processing system including:  
a processor;  
memory operably coupled to said processor; and  
a program of instructions capable of being stored in said  
memory and executed by said processor, said program  
of instructions including instructions for:  
obtaining a first set of information representing an  
artifact to a first degree of quality,  
obtaining a second set of information representing the  
artifact to a second degree of quality different  
from the first degree of quality;  
determining which of the first set of information and the  
second set of information represents the artifact  
to a higher degree of quality and which  
represents the artifact to a lesser degree of  
quality; and  
altering the set of information representing the artifact  
to a lesser degree of quality, based on the set of  
information representing the artifact to a higher  
degree of quality.

10. The digital film development system as in Claim 9, wherein said  
program of instructions includes instructions for performing a  
Fourier transform analysis on the first set of information and  
the second set of information.

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1 11. The digital film development system as in Claim 10, wherein said  
2 program of instructions includes instructions for using a phase  
3 of the set of information representing the artifact to a higher  
4 degree of quality to adjust a phase of the set of information  
5 representing the artifact to lesser degree of quality.

1 12. The digital film development system as in Claim 10, wherein said  
2 program of instructions includes instructions for using a  
3 magnitude of the set of information representing the artifact to  
4 a higher degree of quality to adjust a magnitude of the set of  
5 information representing the artifact to lesser degree of quality.

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1 13. A digital image tangibly embodied in a computer readable medium,  
2 said digital image generated according to a method comprising:  
3 obtaining a first set of information representing an artifact to a  
4 first degree of quality,  
5 obtaining a second set of information representing the artifact  
6 to a second degree of quality different from the first  
7 degree of quality;  
8 determining which of the first set of information and the second  
9 set of information represents the artifact to a higher  
10 degree of quality and which represents the artifact to a  
11 lesser degree of quality; and  
12 altering the set of information representing the artifact to a  
13 lesser degree of quality, based on the set of information  
14 representing the artifact to a higher degree of quality.

1 14. The digital image as in Claim 13, wherein altering includes performing  
2 a Fourier transform analysis on the first set of information and  
3 the second set of information.

1 15. The digital image as in Claim 14, wherein altering further includes  
2 using a phase of the set of information representing the artifact  
3 to a higher degree of quality to adjust a phase of the set of  
4 information representing the artifact to lesser degree of quality.

1 16. The digital image as in Claim 14, wherein altering further includes  
2 using a magnitude of the set of information representing the  
3 artifact to a higher degree of quality to adjust a magnitude of  
4 the set of information representing the artifact to lesser degree  
5 of quality.

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- 1 17. The digital image as in Claim 13, wherein the first set of information  
2 and the second set of information are digital representations of  
3 analog images.
- 1 18. The digital image as in Claim 13, wherein the first set of information  
2 and the second set of information are obtained using a scanner.
- 1 19. The digital image as in Claim 13, wherein the first set of information  
2 and the second set of information are obtained using a digital  
3 camera.
- 1 20. The digital image as in Claim 13, wherein the first set of information  
2 and the second set of information are obtained using a digital  
3 film processing system.

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1 21. A method comprising:  
2 illuminating an image;  
3 recording at least one digital representation of the image;  
4 selecting, from the at least one digital representation, a first set of  
5 information representing a portion of the image;  
6 selecting, from the at least one digital representation, a second set of  
7 information representing the portion of the image, the second  
8 set of information being different from the first set of  
9 information;  
10 generating, from one of the first set of information and the second set  
11 of information, a shepherd artifact representing an image  
12 artifact with a higher degree of quality;  
13 generating, from the other of the first set of information and the second  
14 set of information, a sheep artifact representing the image  
15 artifact with a lesser degree of quality; and  
16 altering the sheep artifact using the shepherd artifact to improve the  
17 degree of quality with which the sheep artifact represents the  
18 image artifact.

1 22. The method as in Claim 21, wherein altering includes performing a  
2 Fourier transform analysis on the first set of  
3 information and the second set of information.

1 23. The method as in Claim 22, wherein altering further includes using a  
2 phase of the set of information representing the artifact to a  
3 higher degree of quality to adjust a phase of the set of  
4 information representing the artifact to lesser degree of quality.

1 24. The method as in Claim 23, wherein altering further includes using a

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1 magnitude of the set of information representing the artifact to  
2 a higher degree of quality to adjust a magnitude of the set of  
3 information representing the artifact to lesser degree of quality.

1 25. The method as in Claim 21, wherein the first set of information and the  
2 second set of information are digital representations of analog  
3 images.

1 26. The method as in Claim 21, wherein the first set of information and the  
2 second set of information are obtained using a scanner.

1 27. The method as in Claim 1, wherein the first set of information and the  
2 second set of information are obtained using a digital film  
3 development system.

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